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ning of each regular issue of the PCT Gazette.

(54) Title: STABILIZED LIQUID POLYPEPTIDE FORMULATIONS

(57) Abstract: The present invention provides formulations for maintaining the stability of polypeptides, in particular, therapeutic antigen-binding polypeptides such as antibodies and the like, for example, anti-A $\beta$  antibodies. The formulations generally include an antioxidant in a sufficient amount as to inhibit by-product formation, for example, the formation of high molecular weight polypeptide aggregates, low molecular weight polypeptide degradation fragments, and mixtures thereof. The formulations of the invention optionally comprise a tonicity agent, such as mannitol, and a buffering agent or amino acid such as histidine, and thus, the formulations are suitable for several different routes of administration.



WO 2006/081587 A3

# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. A61K39/395 C07K16/18

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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 2004/197324 A1 (LIU JUN ET AL)  7 October 2004 (2004-10-07)  paragraph [0012] - paragraph [0013]  paragraph [0015]  paragraph [0036]  paragraph [0050]  paragraph [0203]</p> <p style="text-align: center;">----- -/--</p>	1-99

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 03/105894 A (MEDIMMUNE, INC; OLIVER, CYNTHIA, N; SHANE, ERICA; ISSAACS, BENJAMIN, S) 24 December 2003 (2003-12-24)</p> <p>page 6, line 28 - line 29  page 4, line 31 - page 5, line 3  page 21, line 15 - line 23  page 8, line 3 - line 21  page 20, line 16 - line 32  page 7, line 16 - line 29  page 12, line 24 - line 30  page 29, line 27 - page 30, line 29</p>	1-99
X	<p>WO 2004/055164 A (ABGENIX INC [US]; CHEN BEI [US]; ZAPATA GERARDO [US]; MULKERRIN MICHAEL) 1 July 2004 (2004-07-01)</p> <p>paragraph [0008] - paragraph [0013]  paragraph [0018] - paragraph [0019]  paragraph [0038] - paragraph [0040]  paragraph [0043]  paragraph [0041]  page 10; table 1a  page 19; table 4</p>	1-99
X	<p>WO 03/039485 A (PROTEIN DESIGN LABS; KAISHEVA, ELIZABET, A; GUPTA, SUPRIYA; DUVUR, SHA) 15 May 2003 (2003-05-15)</p> <p>abstract  page 11, line 8 - page 12, line 18  page 21, line 1 - line 10</p>	1-99
X	<p>WO 98/56418 A (GENENTECH, INC)  17 December 1998 (1998-12-17)</p> <p>page 22, line 9 - page 23, line 15</p>	1-99
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Information on patent family members

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